Section 14 - Can Coating.
1/11/93

a. Applicability.

1. This Section applies to any can coating unit used to apply the following coatings: sheet base coat, exterior base coat, interior body spray coat, overvarnish, side seam spray coat, exterior end coat, and end sealing compound coat.

2. The emission limits of this Section do not apply to can coating units within any facility whose actual emissions without control devices from all can coating units within the facility are less than 6.8 kilograms (kg) (15 pounds [lb]) of volatile organic compounds (VOCs) per day.

3. An owner or operator of a facility whose emissions are below the applicability threshold in paragraph (a)(2) of this Section shall comply with the certification, recordkeeping, and reporting requirements of paragraph (g)(1) of this Section.

4. Any facility that becomes or is currently subject to the provisions of this Section by exceeding the applicability threshold in paragraph (a)(2) of this Section will remain subject to these provisions, even if its emissions later fall below the applicability threshold.

5. Any facility that is currently subject to a state or federal rule promulgated pursuant to the Clean Air Act Amendments of 1977 by exceeding an applicability threshold is and will remain subject to these provisions, even if its throughput or emissions have fallen or later fall below the applicability threshold.

b. Definitions. As used in this Section, all terms not defined herein shall have the meaning given them in the November 15, 1990 Clean Air Act Amendments (CAAA), or in Section 2 of this regulation.

"Can" means any cylindrical single-walled container, with or without a top, cover, spout, and/or handle, that is manufactured from metal sheets thinner than 29 gauge (0.0141 inch [in.]) and into which solid or liquid materials may be packaged.

"Can coating unit" means a coating unit in which any coating is applied onto the surface of cans or can components.

"End sealing compound coat" means a compound applied onto can ends that functions as a gasket when the end is assembled onto the can.

"Exterior base coat" means a coating applied to the exterior of a two-piece can body to provide protection to the metal or to provide background for any lithographic or printing operation.

"Interior body spray coat" means a coating applied to the interior of the can body to provide a protective film between the product and the can.

"Overvarnish" means a coating applied directly over a design coating or directly over ink to reduce the coefficient of friction, to provide gloss, and to protect the finish against abrasion and corrosion.

"Sheet basecoat" means a coating applied to metal in sheet form to serve as either the exterior or interior of two-piece or three-piece can bodies or can ends.

"Side-seam spray coat" means a coating applied to the seam of a three-piece can.

"Three-piece can" means a can that is made by rolling a rectangular sheet of metal into a cylinder that is soldered, welded, or cemented at the seam and attaching two ends.

"Two-piece can" means a can whose body and one end are formed from a shallow cup and to which the other end is later attached.

"Two-piece can exterior end coat" means a coating applied by roller coating or spraying to the exterior end of a two-piece can to provide protection to the metal.

c. Standards.

1. No owner or operator of a can coating unit subject to this Section shall cause or allow the application of any coating on that unit with VOC content, as applied, that exceeds the limits in paragraphs (c)(1)(i) through (c)(1)(vi) of this Section.

		kg/L[a]	lb/gal[a]
(i)	Sheet basecoat and sheet overvarnish	0.34	2.8
(ii)	Exterior basecoat and overvarnish (two-piece can)	0.34	2.8
(iii)	Interior body spray coat	0.51	4.2
(iv)	Two-piece can exterior end coat	0.51	4.2
(v)	Side seam spray coat	0.66	5.5

		kg/L[a]	lb/gal[a]
(vi)	End-sealing compound coat	0.44	3.7

[a]VOC content values are expressed in units of mass of VOC (kg, lb) per volume of coating (liter [L], gallon [gal]), excluding water and exempt compounds, as applied.

2. As an alternative to compliance with the emission limits in paragraph (c)(1) of this Section, an owner or operator of a can coating unit may comply with the requirements of this Section by meeting the requirements of paragraph (d) or (e) of this Section.

d. Daily-weighted average limitations.

1. No owner or operator of a can coating unit subject to this Section shall apply, during any day, coatings on that unit whose daily-weighted average VOC content, calculated in accordance with the procedure specified in **Appendix "C"** of this regulation, exceeds the emission limits in paragraph (c)(1) of this Section.

2. Notwithstanding any other provision of this regulation, an owner or operator may use the compliance program described in the December 8, 1980, FEDERAL REGISTER (45 FR 80024). This program allows a daily weighted average of coatings between can coating units without a requirement to submit a FIP or SIP revision and without the requirement to meet the provisions of the Emissions Trading Policy Statement (51 FR 43815, December 4, 1986).

e. Control devices.

1. An owner or operator of a can coating unit subject to this Section may comply with paragraph (c)(2) of this Section by:

i. Installing and operating a capture system on that unit.

ii. Installing and operating a control device on that unit.

iii. Determining for each day the overall emission reduction efficiency needed to demonstrate compliance. The overall emission reduction needed for a day is the lesser of the value calculated according to the procedure in **Appendix "C" (c)** of this regulation for that day or 95 percent.

iv. Demonstrating each day that the overall emission reduction efficiency achieved for that day, as determined in **Appendix "D" (c)** of this regulation, is greater than or equal to the overall emission reduction efficiency required for that day.

2. An owner or operator of a can coating unit subject to this Section shall ensure that:

i. A capture system and control device are operated at all times that the unit is in operation, and the owner or operator demonstrates compliance with this Section through the applicable coating analysis and capture system and control device efficiency test methods specified in **Appendix "B"**, **Appendix "D"** and **Appendix "E"** of this regulation and in accordance with the capture efficiency test methods in **Appendix "D"**.

ii. The control device is equipped with the applicable monitoring equipment specified in **Appendix "D" (b)** of this regulation, and the monitoring equipment is installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.

f. Test methods. The test methods found in **Appendix "A"** through **Appendix "D"** of this regulation shall be used to determine compliance with this Section.

g. Recordkeeping and reporting.

1. An owner or operator of a can coating unit that is exempt from the emission limitations in paragraph (c) of this Section shall comply with the certification, recordkeeping, and reporting requirements in Section 4(b) of this regulation.

2. An owner or operator of a can coating unit subject to this Section and complying with paragraph (c) of this Section by using complying coatings shall comply with the certification, recordkeeping, and reporting requirements in Section 4(c) of this regulation.

3. An owner or operator of a can coating unit subject to this Section and complying with paragraph (d) of this Section by daily-weighted averaging shall comply with the certification, recordkeeping, and reporting requirements in Section 4(d) of this regulation.

4. An owner or operator of a can coating unit subject to this Section and

complying with paragraph (e) of this Section by using control devices shall comply with the testing, reporting, and recordkeeping requirements in Section 4(e) of this regulation.